

# Abstracts

## A Microwave Hybrid with Impedance Transforming Properties (Correspondence)

---

*H. Sobol. "A Microwave Hybrid with Impedance Transforming Properties (Correspondence)." 1971 Transactions on Microwave Theory and Techniques 19.9 (Sep. 1971 [T-MTT]): 774-776.*

A 3-port hybrid useful for combining equiphase equiamplitude signals or for dividing an input into two such signals is described. Design equations are presented for matching arbitrary complex loads at the equiphase-equiamplitude ports to a real load at the third port.

[Return to main document.](#)